



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

November 28, 2000

MEMORANDUM:

Subject: Product Efficacy Review for EPA Reg. No.: 66171-7 / Synergize
DP Barcode: D267096
Case No: 063339

To: Velma Noble, PM 31 / Tracy Lantz
Regulatory Management Branch
Antimicrobials Division (7510C)

From: Ian D. Blackwell, M.S., Biologist
Efficacy Evaluation Team
Product Science Branch
Antimicrobials Division (7510C)

Ian Blackwell

Through: Emily Mitchell, Acting Team Leader
Efficacy Evaluation Team
Product Science Branch
Antimicrobials Division (7510C)

Emily Mitchell 11/30/00

Michele E. Wingfield, Chief
Product Science Branch
Antimicrobials Division (7510C)

Applicant: Preserve International

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Alkyl dimethyl benzyl ammonium chloride	26
Glutaraldehyde	7
<u>Other Ingredient(s):</u>	<u>67</u>
Total:	100%

BACKGROUND: Preserve International has submitted a product efficacy study to support the claims of antimicrobial efficacy of their product "Synergize" against *Aspergillus fumigatus* (ATCC 36607). This study was conducted by Presque Isle Cultures. The MRID Number is 451471-01.

RECOMMENDATIONS: PSB findings are:

MRID Number 451471-01: "AOAC Fungicidal Product Test" by Richard A. Gammon, Ph.D., Presque Isle Cultures. Lab Project Number: Preserve Int: 97-3. Study Completion Date 4/24/97

This study was conducted "Synergize" diluted 1:256 in 1000 ppm CaCO_3 AOAC Hard Water using the AOAC Fungicidal Product Test against *Aspergillus fumigatus* (ATCC 36607) in the presence of 5% blood serum with a 10-minute exposure. The results demonstrate that Synergize was able to disinfect cultures of *Aspergillus fumigatus* (ATCC 36607) under the conditions of this study.

LABELING:

No comments.